

FIG. 1

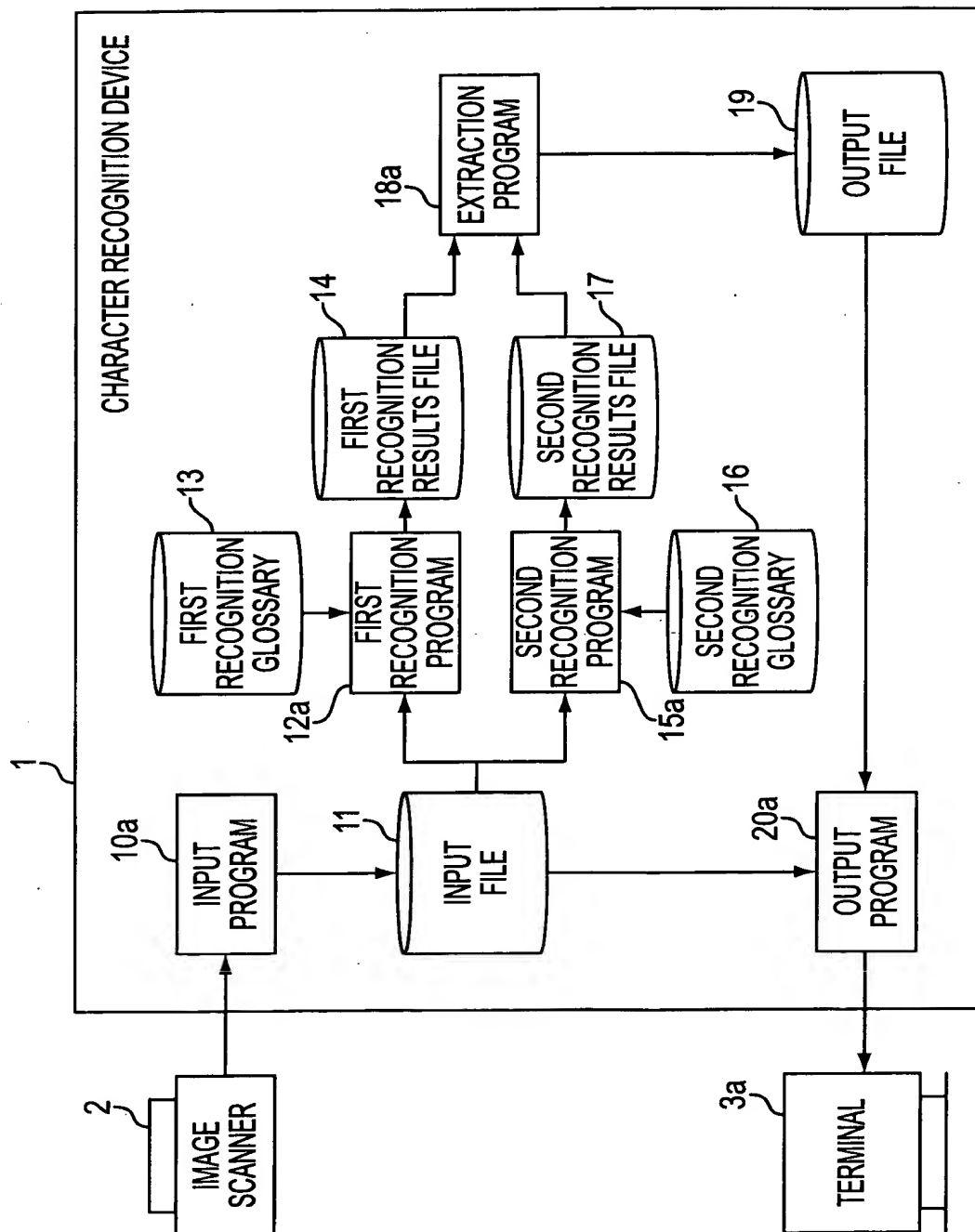


FIG. 2

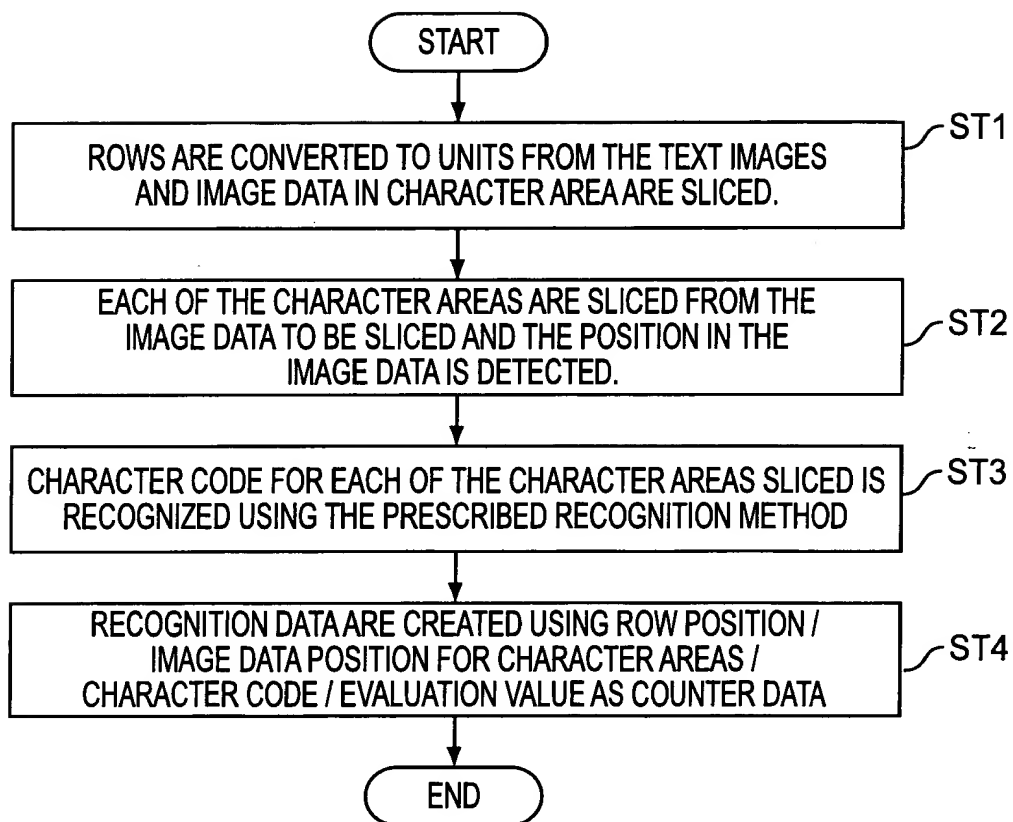


FIG. 3

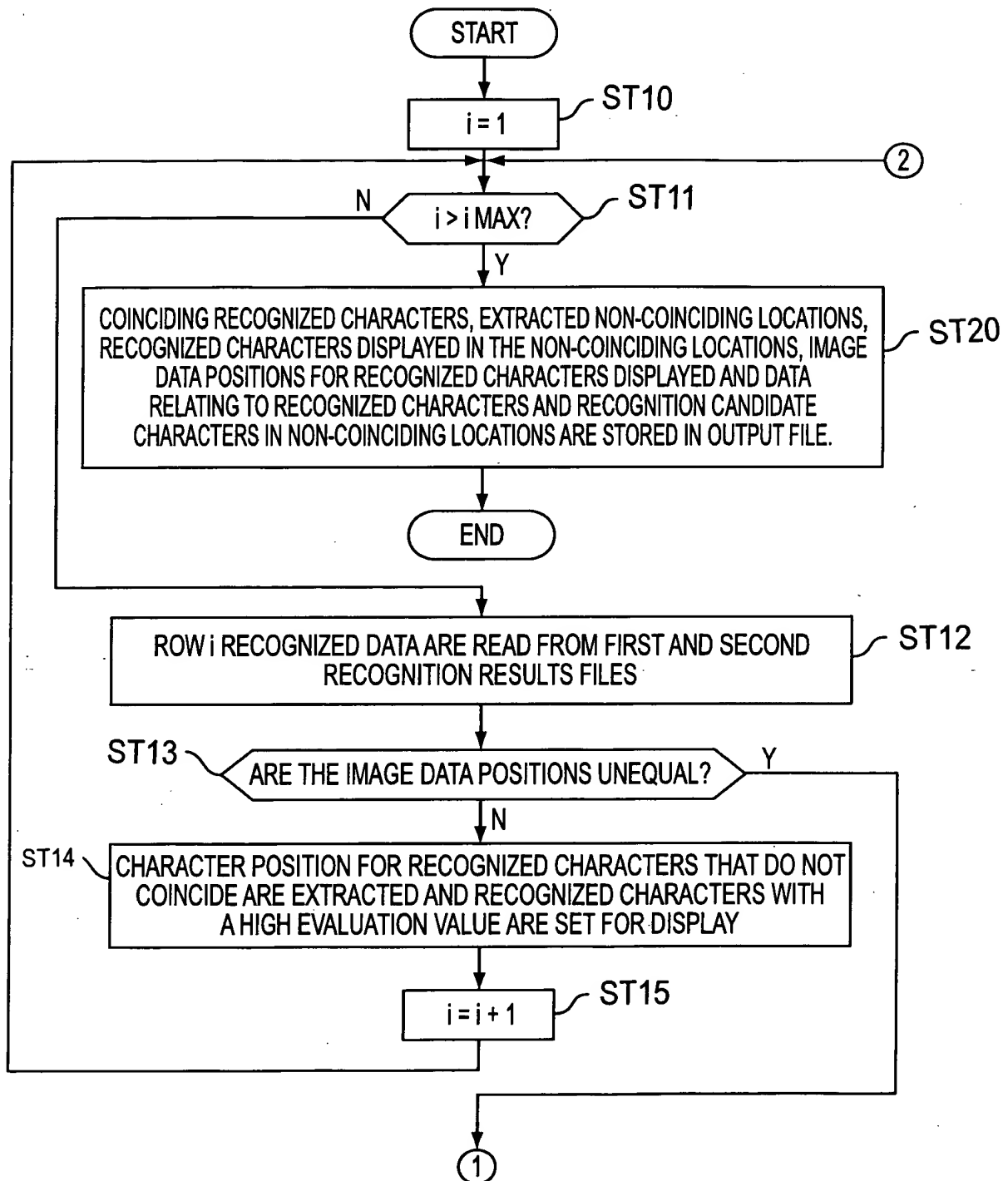


FIG. 4

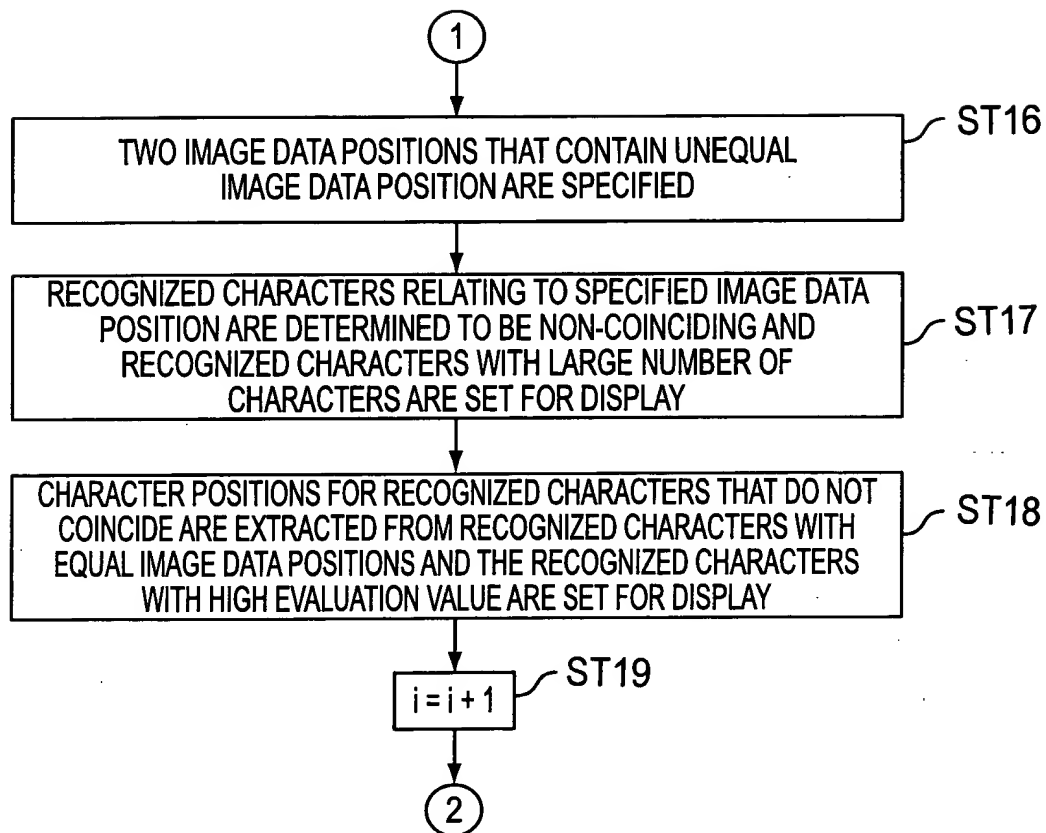


FIG. 5

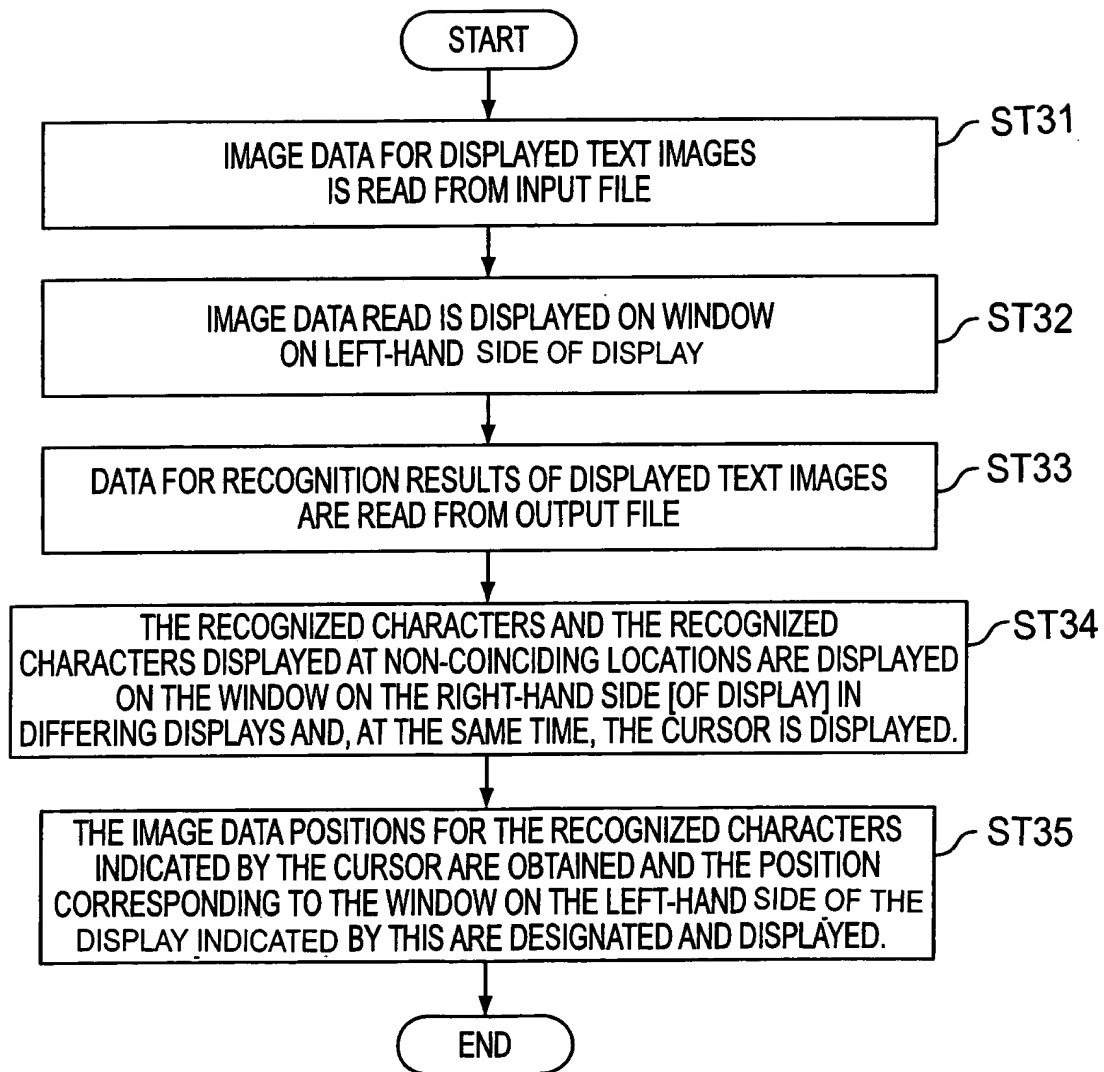


FIG. 6

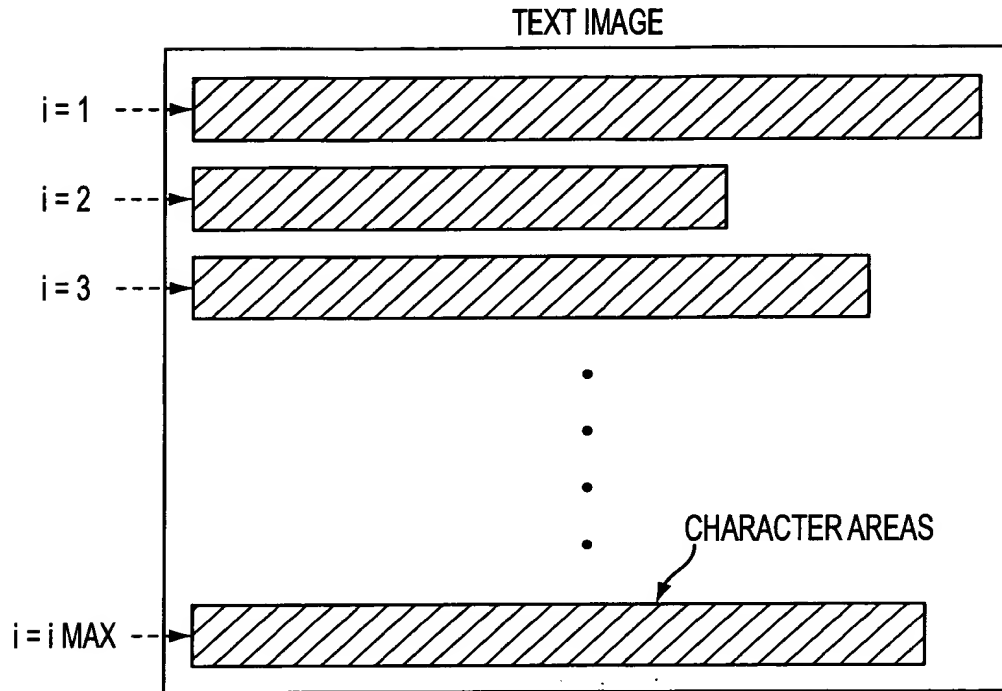


FIG. 7A

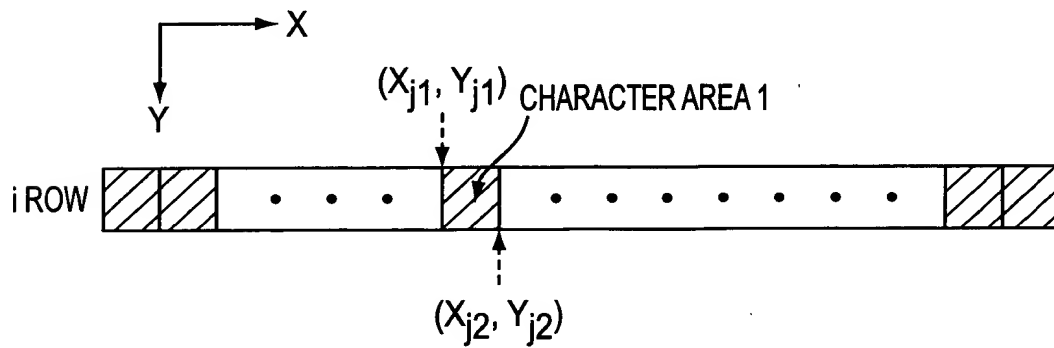


FIG. 7B

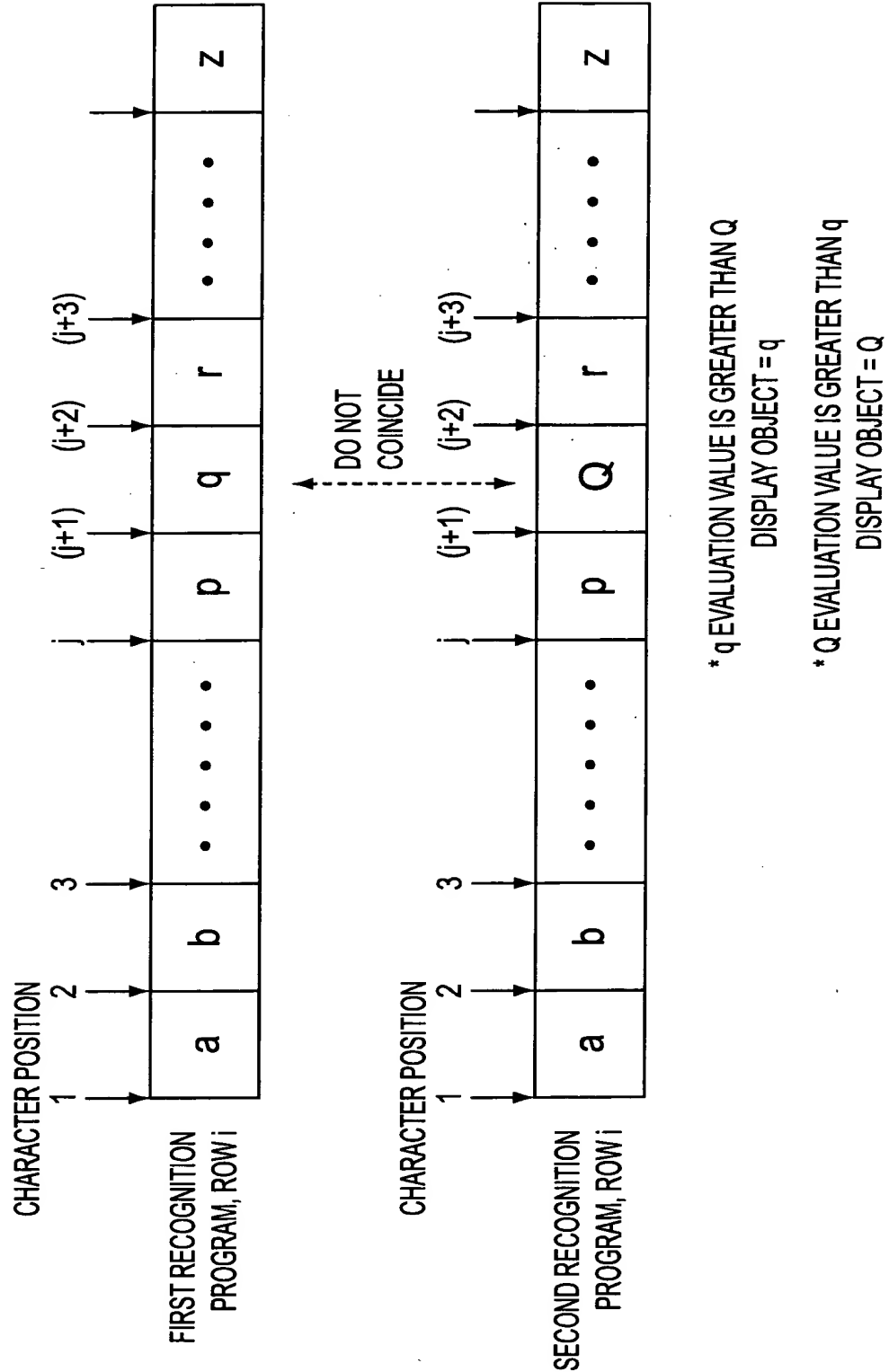


FIG. 8



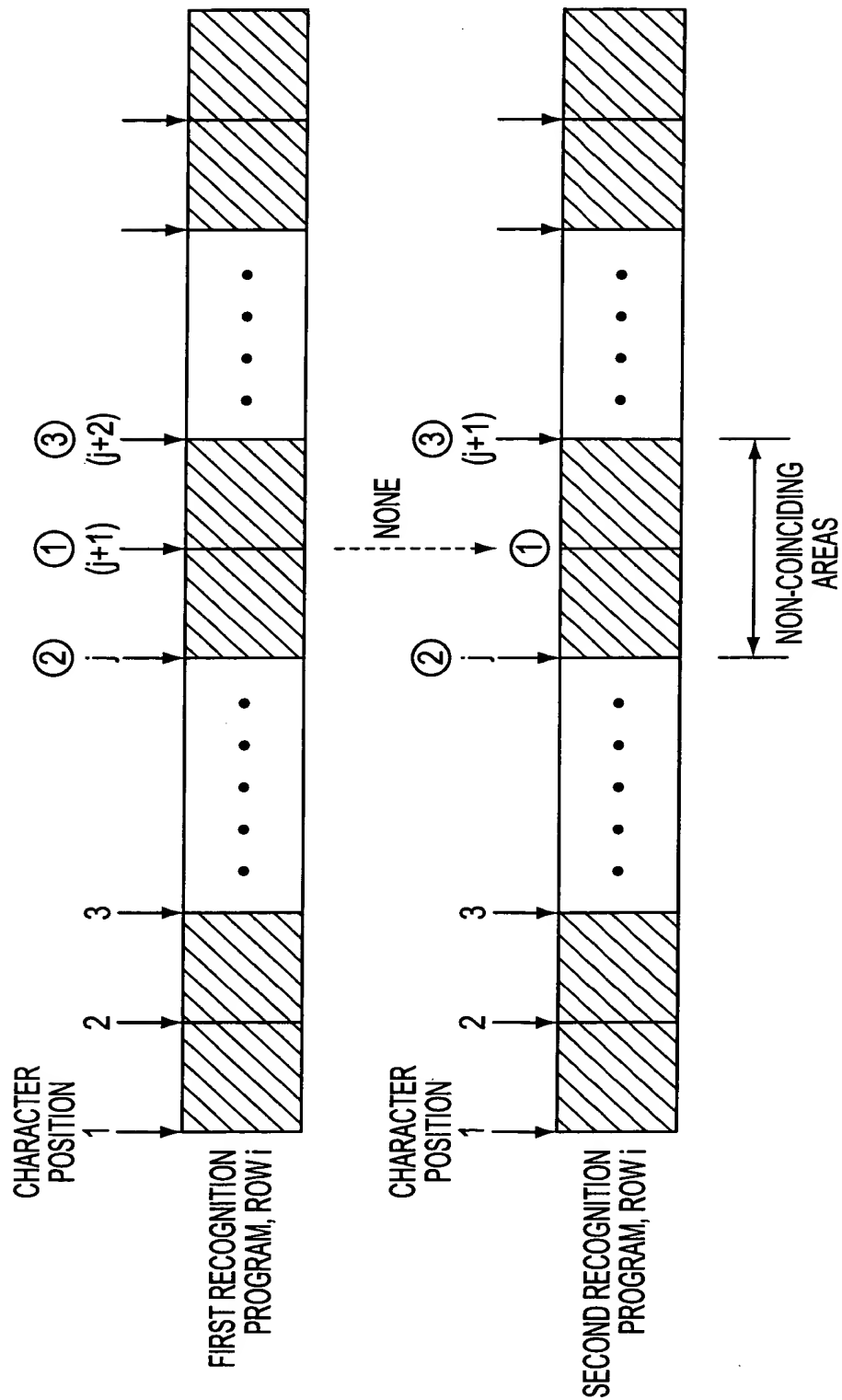


FIG. 9

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IMAGE DATA	RECOGNITION RESULTS
<p>THE PROCESS STARTS FROM A REQUEST TO CARRY OUT (1) MECHANICALLY [THIS CHARACTER IS PRINTED INCORRECTLY] A HUMAN ABILITY WHEN THE PATTERN RECOGNITION PROCESS DISTINGUISHES BETWEEN CHARACTERS WHEN THEY ARE WRITTEN AND CHARACTERS WHEN THEY ARE READ ALOUD. A GREAT DEAL OF RESEARCH HAS STOPPED AT THIS POINT. CHARACTER RECOGNITION IN PARTICULAR HAS AN EXTREMELY LONG HISTORY AND IS A FIELD THAT HAS MADE GREAT (2) ADVANCES [THIS PRINTED CHARACTER IS PRINTED INCORRECTLY].</p> <p>(3) WRITTEN WORDS [HERE THE CHARACTERS ARE PRINTED CORRECTLY] ARE CLOSE TO US IN OUR EVERYDAY LIVES; THEY HAVE OUTSTANDING RECORDING CHARACTERISTICS AND GOOD REPRODUCIBILITY. THEY GIVE LIFE TO HUMAN INTUITION AND PROVIDE SUITABLE CHARACTERISTICS AS THE RAW MATERIALS FOR PATTERN RECOGNITION RESEARCH THAT INVOLVES FITTING A CERTAIN CONCEPT TO A SINGLE WRITTEN WORD. WHAT IS MORE, THE TECHNOLOGY FOR READING THESE WRITTEN WORDS IS A LABOR SAVING DEVICE THAT CARRIES OUT DATA INPUT TO A COMPUTER DIRECTLY WITHOUT USING A KEYBOARD.</p>	<p>THE PROCESS STARTS FROM A REQUEST TO CARRY OUT (1) MECHANICALLY [THIS CHARACTER IS PRINTED INCORRECTLY] A HUMAN ABILITY WHEN THE PATTERN RECOGNITION PROCESS DISTINGUISHES BETWEEN CHARACTERS WHEN THEY ARE WRITTEN AND CHARACTERS WHEN THEY ARE READ ALOUD. A GREAT DEAL OF RESEARCH HAS STOPPED AT THIS POINT. CHARACTER RECOGNITION IN PARTICULAR HAS AN EXTREMELY LONG HISTORY AND IS A FIELD THAT HAS MADE GREAT (2) ADVANCES [THIS CHARACTER IS PRINTED INCORRECTLY].</p> <p>(3) WRITTEN WORDS [HERE THE CHARACTERS ARE WRITTEN CORRECTLY] ARE CLOSE TO US IN OUR EVERYDAY LIVES; THEY HAVE OUTSTANDING RECORDING CHARACTERISTICS AND GOOD REPRODUCIBILITY. THEY GIVE LIFE TO HUMAN INTUITION AND PROVIDE SUITABLE CHARACTERISTICS AS THE RAW MATERIALS FOR PATTERN RECOGNITION RESEARCH THAT INVOLVES FITTING A CERTAIN CONCEPT TO A SINGLE WRITTEN WORD. WHAT IS MORE, THE TECHNOLOGY FOR READING THESE WRITTEN WORDS IS A LABOR SAVING DEVICE THAT CARRIES OUT DATA INPUT TO A COMPUTER DIRECTLY WITHOUT USING A KEYBOARD.</p>
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FIG. 10

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IMAGE DATA	RECOGNITION RESULTS
<p>PATTERN RECOGNITION STARTED FROM A DESIRE TO REALIZE IN A MACHINE, THE HUMAN ABILITY TO READ WORDS AND HEAR DISCRETE DIFFERENCES BETWEEN WORDS AS THEY SPOKEN AND MUCH RESEARCH HAS BEEN CONDUCTED. CHARACTER RECOGNITION HAS THE LONGEST HISTORY AND IS AN AREA WHERE ACTUAL-USE APPLICATIONS ARE THE MOST ADVANCED.</p> <p>WRITING IS VERY CLOSE TO ALL OF US AND IS AN EXCELLENT RECORDING MEDIUM. IT CAN BE EASILY REPRODUCED AND MAKES USE OF HUMAN INTUITION. IT HAS QUALITIES THAT MAKE IT AN EXCELLENT OBJECT OF PATTERN RECOGNITION RESEARCH SUCH AS A ONE TO ONE CORRESPONDENCE BETWEEN CONCEPTS AND CHARACTERS.</p> <p>CHARACTER-READING TECHNOLOGY IS A LABOR-<sup>1</sup>SAVING DEVICE THAT ALLOWS DATA TO BE INPUT DIRECTLY INTO A COMPUTER WITHOUT GOING THROUGH A KEYBOARD ...</p>	<p>PATTERN RECOGNITION STARTED FROM A DESIRE TO REALIZE IN A <sup>(1)</sup>?-CHINE, THE HUMAN ABILITY TO READ WORDS AND HEAR DISCRETE DIFFERENCES BETWEEN WORDS AS THEY ARE SPOKEN AND MUCH RESEARCH HAS BEEN CONDUCTED. CHARACTER-RECOGNITION HAS THE LONGEST HISTORY AND IS AN AREA WHERE ACTUAL-USE <sup>(2)</sup>? ARE THE MOST ADVANCED.</p> <p>WRITING IS VERY CLOSE TO ALL OF US AND IS AN EXCELLENT RECORDING MEDIUM. IT CAN BE EASILY REPRODUCED AND MAKES USE OF HUMAN INTUITION. IT HAS QUALITIES THAT MAKE IT AN EXCELLENT OBJECT OF PATTERN RECOGNITION RESEARCH SUCH AS A ONE-TO-ONE CORRESPONDENCE BETWEEN CONCEPTS AND CHARACTERS.</p> <p>CHARACTER READING TECHNOLOGY IS A LABOR-<sup>3</sup>SAVING DEVICE THAT ALLOWS DATA TO BE INPUT DIRECTLY INTO A COMPUTER WITHOUT GOING THROUGH A KEYBOARD...</p>
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FIG. 11